

To: Way, Steven[way.steven@epa.gov]
From: Petri, Elliott
Sent: Thur 8/27/2015 5:26:53 PM
Subject: Gladstone Upper Lots Layout
[Gladstone Upper Lot Layout.pdf](#)

Hi Steve,

Attached is a diagram of the potential layout of the upper lot at Gladstone here are some details about each portion of the area:

- ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ Pond Inlet/Treatment Addition – This will be where the water from the Gold King Mine would enter the site and pond system and the water treatment media would be added. Alternative area would be utilization of the existing treatment building.
- ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ Settling Ponds – The water would be sent through a series of 4 ponds to allow the treatment media time to treat and settle out.
- ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ Pond Outlet Path – The water would be piped from the last pond over the existing riprap channel back into Cement Creek.
- ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ American Tunnel Road Realign – The existing road would be regraded and channeled between the existing buildings allowing for access to the American Tunnel site.
- ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ Temporary Waste rock Storage – the waste rock in the North Fork and Cement Creek channels from the Gold Kind Mine Dump would be temporarily stored here.
- ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ Temporary Repository – Sludge produced by the treatment systems on-site would be stored here temporarily.

Please let me know if you need any more information.

Thanks,

Elliott

Elliott Petri, PE

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